



Program and Checklist Description

This program for existing single-family residences provides water-efficient options for houses and landscapes. Florida Water StarSM is a service mark of the St. Johns River Water Management District of Florida. The South and Southwest Florida water management districts are partners with St. Johns in administering the Florida Water StarSM program.

This checklist should be used to determine whether all prerequisites have been met and sufficient points have been achieved to merit Florida Water StarSM certification. For more specific details about the criteria, refer to the Florida Water StarSM Residential Technical Manual.

Residential Requirements

To achieve Florida Water StarSM **Bronze** certification for existing single-family residential housing:

1. All prerequisites must be met and validated by a Florida Water StarSM certifier.
2. The minimum points achieved shall total 95, with minimum points per category totaling:
 - Landscape = 30 points
 - Irrigation = 35 points
 - Indoor = 30 points

General Information	
Owner name	
Address	
City/county	
Owner phone	
Owner e-mail	
Number of intended occupants	

Required Submissions			
	Yes	No	NA*
Florida-Friendly Landscaping TM handbook affidavit			
Indoor water conservation information affidavit			
Irrigation system drawing, showing changes or upgrades			

*NA = not applicable

Landscape			
Prerequisites			
All state, county and municipal codes must be met.			
		Yes	No
LS PR 1	High-volume irrigated areas shall not exceed 75% of the total landscaped area.		
LS PR 2	No invasive exotic plant species are on-site.		
LS PR 3	Applicant has obtained a copy of the Florida-Friendly Landscaping™ handbook.		
Points (Minimum points required – 30)			
		Points possible	Points earned
LS PT 1	50% or more of the landscaped area is shaded by existing trees.	10	
LS PT 2	Plant selections are compatible with site-specific growing conditions such as sunlight, soil type and salinity.	Up to 15	
LS PT 3	Plants are grouped by similar moisture and maintenance requirements.	Up to 15	
LS PT 4	High-volume irrigated areas shall not exceed 40% of the total landscaped area.	15	
	High-volume irrigated areas shall not exceed 50% of the total landscaped area.	10	
	High-volume irrigated areas shall not exceed 60% of the total landscaped area.	5	
LS PT 5	Landscaped beds have no permanent irrigation system or all extensions/ lateral lines to these areas from an existing irrigation system are permanently disabled.	Up to 25	
LS PT 6	Trees provide shade to 30% of landscaped area, or planted trees will provide shade to 30% of landscaped area at maturity.	10	
LS PT 7	Innovative water conservation measures are used (such as composting for mulch and soil amendments).	Up to 10	
LS PT 8	Organic mulch is used and applied to a depth of 2 to 4 inches, leaving a 2-inch clear space around plant bases.	5	
LS PT 9	Homeowner has attended one or more workshop(s) on Florida-Friendly Landscaping™ and has provided certificate(s) of completion as verification.	Up to 10	
TOTAL		115	

Irrigation			
Prerequisites			
All state, county and municipal codes must be met.			
		Yes	No
IR PR 1	High-volume irrigation does not irrigate more than 75% of the total landscaped area.		
IR PR 2	Irrigated areas less than 4 feet wide are irrigated with correctly installed micro-irrigation, or the landscape contains no such areas.		
IR PR 3	Irrigation system is free from leaks.		
IR PR 4	A minimum of 4-inch pop-up sprinkler heads are used for all high-volume irrigated areas, and all pop-up sprinkler heads sufficiently rise above turf grass height.		
IR PR 5	Application occurs in proper spray patterns, minimizing overspray on impervious surfaces.		
IR PR 6	A device with rain shut-off capabilities, such as a rain or soil moisture sensor, is installed in an operable location and is functioning.		
IR PR 7	The irrigation schedule for maintenance does not exceed 21 gallons (34 inches) per ft ² annually, and the controller is set in compliance with water restrictions.		
Points (Minimum points required – 35)			
		Points Possible	Points Earned
IR PT 1	If irrigation is used for landscaped beds, micro-irrigation is used and is correctly installed.	Up to 25	
IR PT 2	The homeowner demonstrates a working knowledge of the installed irrigation timer, including the ability to: <ul style="list-style-type: none"> • turn it on/off (enable/disable) • program the timer/set schedule • change settings • manually operate the timer for irrigation of selected zone(s) 	5	
IR PT 3	Irrigation zones for turf grass and landscaped beds are separate.	10	
IR PT 4	Sprinklers and emitters are located a minimum of 2 feet from structures.	5	
IR PT 5	Application rates for all sprinklers and emitters within each zone are matched.	10	
IR PT 6	Head spacing does not exceed 50% of the nozzle throw diameter.	10	
IR PT 7	Sprinklers in low-lying areas have check valves.	5	
IR PT 8	High-volume irrigation shall not exceed 40% of the landscaped area.	15	
	High-volume irrigation shall not exceed 50% of the landscaped area.	10	
	High-volume irrigation shall not exceed 60% of the landscaped area.	5	

Irrigation (continued)			
		Points Possible	Points Earned
IR PT 9	All spray heads are pressure regulated.	10	
IR PT 10	Pressure-regulating valves control all zones.	5	
IR PT 11	An in-line pressure regulator limiting pressure so that no sprinkler on the system exceeds manufacturer's pressure recommendations.	5	
LS PT 12	Soil moisture sensor (SMS) controller with one SMS probes is correctly installed, using burial grade connectors in the valve box, and is correctly functioning.	15	
	SMS controller with multiple SMS probes is correctly installed, using burial grade connectors in the valve box, and is correctly functioning.	20	
IR PT 13	ET (evapotranspiration), smart, or weather-based controller is correctly installed, programmed, and functioning.	15	
IR PT 14	Leak detection shut-off system is installed.	5	
IR PT 15	Landscape has no permanent irrigation system.	45	
IR PT 16	Rain harvesting system that is not supplemented with potable water is used for on-site irrigation. Three points awarded for each 10% increment of the landscaped area that is watered using harvested rainwater.	Up to 30	
IR PT 17	Utility-provided reclaimed water is used for all on-site irrigation.	10	
IR PT 18	Other nonpotable water, not including any type of well, is the only source for irrigation.	5	
IR PT 19	If turf grass and landscaped beds are irrigated in the same zone with permanent high-volume irrigation, deduct 5 points per such zone.	-5 per such zone	
IR PT 20	A separate irrigation meter is used to track outdoor potable water use.	5	
IR PT 21	Innovative water conservation is used.	Up to 20	
TOTAL	Total irrigation points	70+	

Indoor			
Prerequisites			
All state, county and municipal codes must be met.			
		Yes	No
IN PR 1	Flow rates for all toilets, showerheads and household faucets comply with current Florida Building Codes: <ul style="list-style-type: none"> Toilets: 1.6 gallons per flush Lavatory faucets: 2.2 gallons per minute Showerheads: 2.5 gallons per minute 		
IN PR 2	All toilet water supply connections are reinforced.		
IN PR 3	All appliance water supply connections are reinforced.		
IN PR 4	Applicant has received educational materials on indoor water conservation and leak detection from a water management district.		
Points (Minimum points required – 30)			
		Points Possible	Points Earned
Bathroom Fixtures			
IN PT 1	All toilets are high-efficiency, 1.28 gallons/flush, with a UNAR MaP rating above 350 grams per flush. WaterSense SM -labeled toilets may comply.	10	
IN PT 2	Dual-flush toilet (maximum 1.28 gallons/flush) with a UNAR MaP rating above 350 grams per flush. WaterSense-labeled toilets may comply.	2 each	
IN PT 3	A quarter turn or push-pull valve is used for all toilet and faucet supply lines.	5	
IN PT 4	Single showerhead with flow rate less than 2.0 gallons/minute, or WaterSense-labeled.	5 each	
IN PT 5	Multiple showerheads in single shower stall used simultaneously.	– 5 each	
IN PT 6	All lavatory sink faucets have flow rates less than 1.6 gallons/minute or WaterSense-labeled.	4	
	All lavatory sink faucets have flow rates less than 1.0 gallons/minute.	8	
Appliances and Water Heaters			
IN PT 7	A quarter turn or push-pull valve is used for all appliance supply lines.	1	
IN PT 8	Dishwasher uses less than 6.5 gallons per cycle (2010 ENERGY STAR [®] models qualify).	5	
IN PT 9	Clothes washer has water factor of 6 gallons or less.	15	
IN PT 10	A point-of-use or on-demand water heater supplies the kitchen sink.	6	
IN PT 11	A point-of-use or on-demand water heater supplies the dishwasher.	2	
IN PT 12	Innovative indoor water conservation is used.	Up to 10	
TOTAL		70+	

Total Point Summary			
	Possible Points	Points Required	Points Earned
Landscape	115+	30	
Irrigation	170+	35	
Indoors	70+	30	
Total Points	355+	95	

Florida Water StarSM – Bronze Certifier/Homeowner Affidavit

The certifier and homeowner must attest and confirm by signing this document that the following criteria have been met:

	Completed
General	
A complete site evaluation was conducted.	
Landscape	
LS PR 3. The homeowner has received a copy of the Florida-Friendly Landscaping™ handbook.	
LS PT 9 (if selected). The homeowner has attended a Florida-Friendly Landscaping™ workshop and has provided a certificate of completion as validation.	
Irrigation	
IR PT21 (if selected). The homeowner demonstrates a working knowledge of the installed irrigation timer, including the ability to execute each of the following functions unassisted: <ul style="list-style-type: none"> • Turn the timer on/off (enable/disable) • Program the timer • Change settings • Manually operate the timer for irrigation of selected zone(s) 	
Indoor	
IN PR 4. Applicant has received educational materials on indoor water conservation and leak detection from a water management district.	

I hereby attest that all the above criteria have been fulfilled.

Certifier signature

Date

Company name

Phone

Address

Address of residence

I hereby attest that I have received a copy of the Florida-Friendly Landscaping™ handbook.

I hereby attest that I have received educational materials on indoor water conservation.

Certifier signature

Date